

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Original) A method comprising:

receiving a first uniform resource locator (URL) including one or more parameters;

retrieving content corresponding to the first URL;

retrieving content corresponding to a plurality of URLs having different parameter combinations of the one or more parameters;

identifying a parameter combination from the plurality of URLs that corresponds to content that is approximately the same as the content corresponding to the first URL;

and

generating one or more URL rewrite rules based on the identified parameter combination.
2. (Currently amended) The method of claim 1, ~~wherein~~ where the different parameter combinations include the first URL with no parameters, the first URL with each of the one or more parameters individually, and the first URL with combinations of the one or more parameters.
3. (Currently amended) The method of claim 1, further comprising:

performing the receiving a first URL, the retrieving content corresponding to a first URL, the retrieving content corresponding to a plurality of URLs, and the identifying a parameter combination, for multiple different first URLs, each first URL including the same one or more parameters; and

generating the one or more URL rewrite rules for the identified parameter combinations for each of the first URLs.

4. (Currently amended) The method of claim 3, ~~wherein~~ where the rewrite rules specify that parameters that do not occur in a threshold number of the identified parameter combinations are to be removed.

5. (Currently amended) The method of claim 1, ~~wherein~~ where each rewrite rule applies to a particular web site or web host.

6. (Currently amended) The method of claim 1, ~~wherein~~ where the identified parameter combination includes a minimum number of parameters.

7. (Previously Presented) A method for converting a uniform resource locator (URL) into a canonical form of the URL, the method comprising:

receiving a URL that refers to content and that ~~contains~~ includes a parameter set including at least one parameter;

determining a rewrite rule by receiving a plurality of URLs that include the parameter set and identifying parameters in the parameter set that do not contribute to content;

applying the rewrite rule to the URL by removing the parameters that do not contribute to content from the URL; and

outputting the rewritten URL as the canonical form of the URL.

8. (Cancelled)

9. (Currently amended) The method of claim 7, ~~wherein~~ where the identifying parameters in the parameter set that do not contribute to content includes:

retrieving content corresponding to a sampled URL including a combination ~~containing combinations~~ of parameters in the parameter set; and

identifying [[a]] the combination of parameters ~~for which the~~ as corresponding to retrieved content, where the retrieved content is approximately the same as [[the]] another retrieved content corresponding to the parameter set and another combination of parameters that ~~contains~~ includes a reduced number of parameters.

10. (Currently amended) The method of claim 9, ~~wherein~~ where the ~~combinations~~ combination of parameters ~~include~~ includes at least one of the sampled URL with no parameters, the sampled URL with individual parameters, [[and]] or the sampled URL with combinations of the at least one parameter.

11. (Currently amended) The method of claim 7, ~~wherein~~ where the rewrite rule applies to a particular web site or web host.

12. (Currently amended) One or more devices comprising:
at least one fetch bot configured to download content on a network from locations specified by uniform resource locators (URLs);

a content manager configured to extract URLs from the downloaded content;
a rewrite component configured to
receive a URL that refers to content and that ~~contains~~ includes a parameter set including at least one parameter,

apply a predetermined rewrite rule to the URL that removes the at least one parameter from the URL when the at least one parameter does not affect the content referred to by the URL, where the predetermined rewrite rule is determined by receiving a plurality of URLs that include the parameter set and identifying parameters in the parameter set that do not contribute to content; and

output the rewritten URL as the canonical form of the URL; and
a URL manager configured to store the canonical form of the URL.

13. (Cancelled)

14. (Currently amended) The one or more devices of claim 12, ~~wherein~~ where the identifying parameters in the parameter set that do not contribute to content includes;

retrieving content corresponding to a sampled URL including a combination
~~containing combinations~~ of parameters in the parameter set; and

identifying [[a]] the combination of parameters ~~for which the~~ as corresponding to
retrieved content, where the retrieved content is approximately the same as [[the]]
another retrieved content corresponding to ~~the parameter set and~~ another combination of
parameters that ~~contains~~ includes a reduced number of parameters.

15. (Currently amended) The one or more devices of claim 14, ~~wherein~~ where the ~~combinations~~ combination of parameters ~~include~~ includes at least one of the sampled URL with no parameters, the sampled URL with individual parameters, [[and]] or the sampled URL with combinations of the at least one parameter.

16. (Currently amended) The one or more devices of claim 12, ~~wherein~~ where each rewrite rule applies to a particular web site or web host.

17. (Original) A system comprising:
means for receiving a first uniform resource locator (URL) including one or more parameters;
means for retrieving content corresponding to the first URL;

means for retrieving content corresponding to a plurality of URLs having different parameter combinations of the one or more parameters;

means for identifying the parameter combination from the plurality of URLs that corresponds to content that is approximately the same as the content corresponding to the first URL and that contains a minimum number of parameters; and

means for generating one or more URL rewrite rules based on the identified parameter combination.

18. (Currently amended) A computer-readable ~~medium~~ memory device including programming instructions executed by a processor, the programming instructions comprising:

instructions for receiving a first uniform resource locator (URL) including one or more parameters;

instructions for retrieving content corresponding to the first URL;

instructions for retrieving content corresponding to a plurality of URLs having different parameter combinations of the one or more parameters;

instructions for identifying the parameter combination from the plurality of URLs that corresponds to content that is approximately the same as the content corresponding to the first URL and that ~~contains~~ includes a minimum number of parameters; and

instructions for generating one or more URL rewrite rules based on the identified parameter combination.

19. (New) The system of claim 17, where the parameter combination comprises one of the first URL with no parameters, the first URL with each of the one or more parameters individually, or the first URL with combinations of the one or more parameters.

20. (New) The computer-readable memory device of claim 18, where the instructions for receiving a first URL, the instructions for retrieving content corresponding to the first URL, the instructions for retrieving content corresponding to a plurality of URLs, and the instructions for identifying the parameter combination are performed for multiple first URLs, each first URL including the one or more parameters, and where the one or more URL rewrite rules specify that parameters that do not occur in a threshold number of the identified parameter combinations are to be removed.